

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1669	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:09
L3	6	("3762005"   "4789273"   "5028175"   "5330295").PN. OR ("5921723"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 17:15
L4	40	("3399442"   "3786540"   "3786541"   "3885281"   "4087192"   "4214845"   "4215957"   "4273480"   "4335984"   "4479744"   "4561809"   "4597696"   "4626141"   "4685844"   "4705434"   "4710069").PN. OR ("4787784"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 17:21
L5	11	("5052863"   "5078550"   "5145295"   "5199827"   "5232319"   "5486073"   "5597271"   "5634745"   "5810519"   "6196770"   "6503028").PN. OR ("7040844"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/27 17:50
S1	1544	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:09
S3	315	S1 and positive same rake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:40
S5	858	durr.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:11
S6	36	durr.in. and insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:11
S8	114	stabel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:21

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S9	10	stabel.in. and insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:33
S10	3	("3490117").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:33
S11	3	("6238146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:34
S12	2	("9320448").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:35
S13	2	("6422931").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/24 17:35
S14	13	S1 and plateau and positive same rake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/24 17:40
S15	20	("3621549"   "3777341"   "4556345"   "4616962"   "4631994"   "4674924"   "4681487"   "4755086"   "4941780"   "4993892"   "5082401"   "5192171"   "5246315"   "5599141"   "5779401"   "5897272"   "D305662").PN. OR ("6146065").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/24 17:47
S16	25	("3271842"   "3786541"   "4056871"   "4116576"   "4507024"   "4561809"   "4626141"   "4846609"   "4856942"   "4859122"   "4963061").PN. OR ("5192171"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/24 17:50

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S17	34	("3786541"   "4214845"   "4318645"   "4340324"   "4629371"   "4787784"   "4846609"   "4856942"   "4859122"   "4880338"   "4915548"   "4934879"   "4941780"   "4963061"   "5141367"   "5147159"   "5192171"   "5193947"   "5203649"   "5207748"   "5222843"   "5230591"   "5265985"   "5282703"   "5324144"   "5330296"   "5350258"   "5449255"   "5476025"   "5503507"   "5584616"   "5599141"   "D307149"   "D308975").PN. OR ("D416917"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/24 17:51
S18	15	("3383748"   "3882580"   "3968550"   "4626141"   "5032049").PN. OR ("5230591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/24 17:59
S19	2	("20040208714").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 17:15
S20	4	("4315706").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 17:29
S21	2	("5163790").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 17:29
S22	2	("5632576").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 17:29
S23	2	("4552491").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/25 17:30
S25	1544	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 17:31

## EAST Search History

S26	402	S25 and (relief or clearance) with angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 17:31
S28	39	S25 and (tangential same radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 18:25
S29	2	("5230591").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 17:14
S30	1544	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 17:25
S31	80	S30 and obtuse with corner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/26 17:25
S32	2	("20040202515").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 17:39
S33	2	("6422931").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 19:29
S34	3	("6238146").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 19:29
S35	40	"155288"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 16:58
S36	0	IL155288	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 16:58

## EAST Search History

S37	1591	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 17:00
S38	0	("2004/0081522").URPN.	USPAT	OR	ON	2006/03/01 17:01
S39	2	("2002/0146292").URPN.	USPAT	OR	ON	2006/03/01 17:01
S40	20	("2688791"   "3128804"   "3416209"   "3490117"   "3701187"   "4124326"   "4790693"   "5158402"   "5333972"   "6074137").PN. OR ("6238146").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 17:09
S41	302	insert with (tangential and radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 18:57
S42	27409	tangential same radial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 18:58
S43	847	insert same (tangential and radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 18:56
S44	986248	insert	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 18:57
S45	4	insert near (tangential same radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 19:00
S46	0	("2005/0047876").URPN.	USPAT	OR	ON	2006/03/02 19:00
S47	0	("2005/0047876").URPN.	USPAT	OR	ON	2006/03/02 19:00
S48	177	insert with (tangential same radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/02 19:00
S49	2	("20040208714").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/12 11:30

## EAST Search History

S50	1628	407/113,115,116.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/12 12:00
S51	2	("5230591").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/08/12 13:20